

Converting Colors

CIELCh(52, 5.121, 118.196)

Have a look what the booklet for
CIELCh(52, 5.121, 118.196) contains.

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Color

CIELCh(52, 5.273, 118.404)

Conversions

Conversions Part 1

Format	Color
Hex	7B7D74
RGB	123, 125, 116
RGB Percent	48%, 49%, 45%
CMY	0.5176, 0.5097, 0.5450
CMYK	0.02, 0.00, 0.07, 0.51
HSL	73°, 4%, 47%
HSV	73°, 7%, 49%
XYZ	18.6592, 20.1443, 19.4322
YIQ	123.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

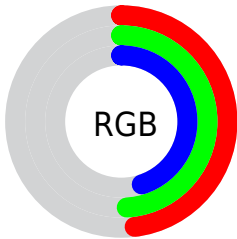
Format	Color
R_{YB}	116, 125, 118
Decimal	8093044
CIE _{Lab}	52.00, -2.51, 4.64
CIE _{LCh}	52, 5.273, 118.404
Yxy	20.1443, 0.3204, 0.3459
Android (android.graphics.Color)	4286283124 (0xFF7B7D74)
YUV	123.3760, -3.6364, -0.3298
Hunter-Lab	44.8824, -4.3355, 5.7476

Details

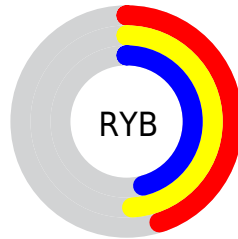
The CIELCh color `52, 5.273, 118.404` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `49, 5.359, 299.316`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 5.549, 121.496`, and `32, 5.131, 119.327` is the 20% darker color. If you saturate the color by 10%, you get `51, 12.585, 117.778`, and if you desaturate by 10%, it is `53, 2.060, 299.019`.

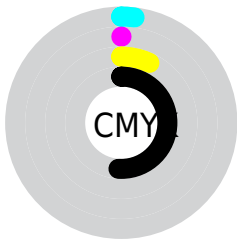
Distribution



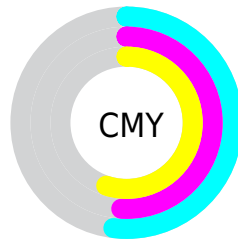
- Red (48%)
- Green (49%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.273, 118.404 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 5.273, 118.404 by changing the saturation by 10% instead.

■ 52, 5.273, 118.404

■ 52, 5.273, 118.404

■ 100, 5.273,
118.404

■ 42, 5.273, 118.404

■ 72, 5.273, 118.404

■ 32, 5.273, 118.404

■ 82, 5.273, 118.404

■ 22, 5.273, 118.404

■ 92, 5.273, 118.404

■ 12, 5.273, 118.404

■ 2, 5.273, 118.404

■ 0, 5.273, 118.404

■ 52, 5.273, 118.404

■ 52, 5.273, 118.404

■ 51, 12.585,
117.778

■ 53, 2.060, 299.019

■ 53, 9.387, 299.615

■ 51, 19.828,
117.138

■ 54, 16.684,
300.176

■ 51, 26.940,
116.512

■ 55, 23.934,
300.705

■ 50, 33.823,
115.925

■ 55, 31.125,
301.201

■ 50, 40.339,
115.416

■ 56, 38.247,
301.663

■ 49, 46.284,
115.041

■ 57, 45.292,
302.093

■ 49, 51.385,
114.873

■ 58, 52.255,
302.492

■ 49, 55.331,
114.999

■ 59, 59.133,
302.860

■ 49, 58.109,
115.421

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 5.273, 118.404



49, 5.359, 299.316

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 5.273, 118.404



52, 5.273, 168.404



52, 5.273, 298.404



52, 5.273, 348.404

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 5.274, 118.413



67, 1.816, 118.739



50, 3.093, 41.115



35, 1.027, 118.749



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 5.274, 118.413



66, 8.198, 118.285



52, 5.857, 135.987



27, 4.195, 118.292



49, 59.717, 115.554



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 5.359, 299.316



62, 8.357, 299.455



50, 5.896, 316.525



24, 4.276, 299.448



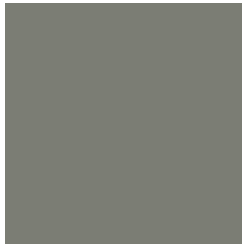
14, 78.346, 307.696



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 5.273, 118.404 looks on a white background.

Color Contrast Check

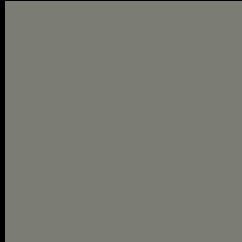
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 5.273, 118.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

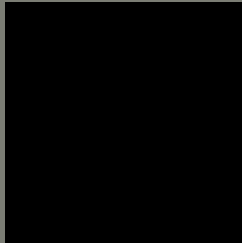
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.273, 118.404

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.273, 118.404.



This preview shows how white text looks on a background with the CIELCh color 52, 5.273, 118.404.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


52, 5.273, 118.404

Protanopia

52, 5.057, 85.534

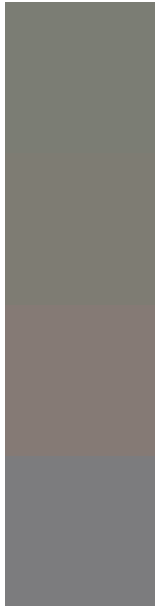
Deuteranopia

52, 7.669, 33.178



Tritanopia
52, 5.302, 299.285

Trichromacy



Original Color

52, 5.273, 118.404

Protanomaly

52, 5.263, 100.523

Deuteranomaly

52, 5.374, 52.232

Tritanomaly

52, 1.166, 290.364

Monochromacy



Original Color

52, 5.273, 118.404

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 2.352, 119.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.273, 118.404 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(123, 125, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(123, 125, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.273, 118.404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 125, 116) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(123, 125, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(123, 125, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 125, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 125, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 125,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.273, 118.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 125, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(123,  
125, 116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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